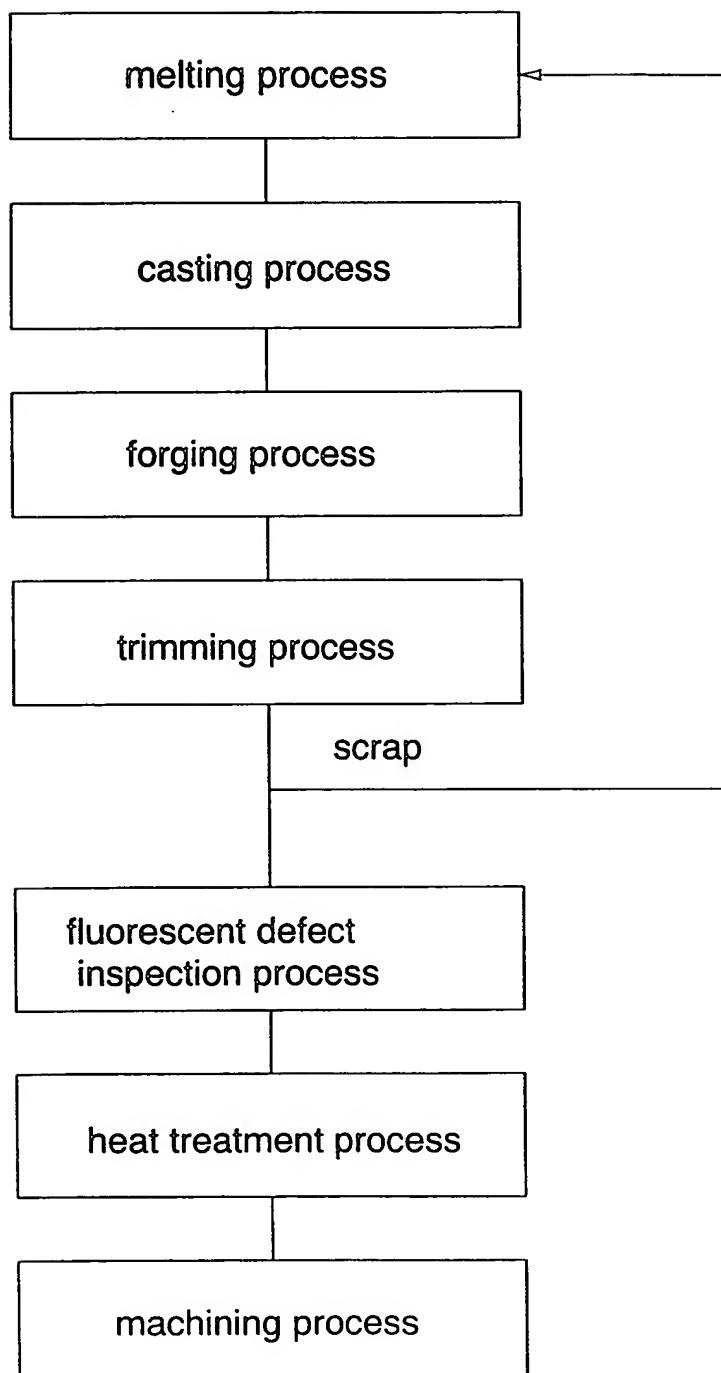


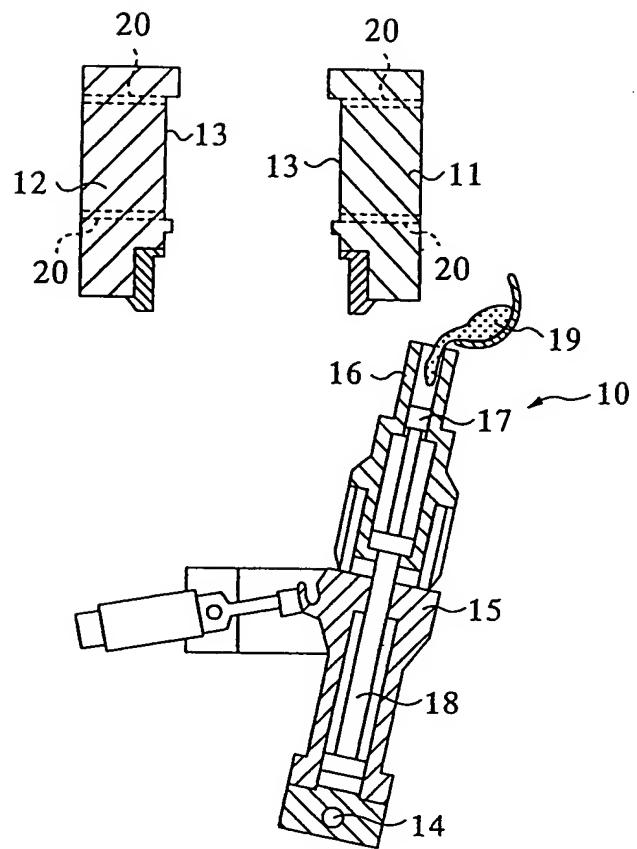
1/7
1/6

FIG.1

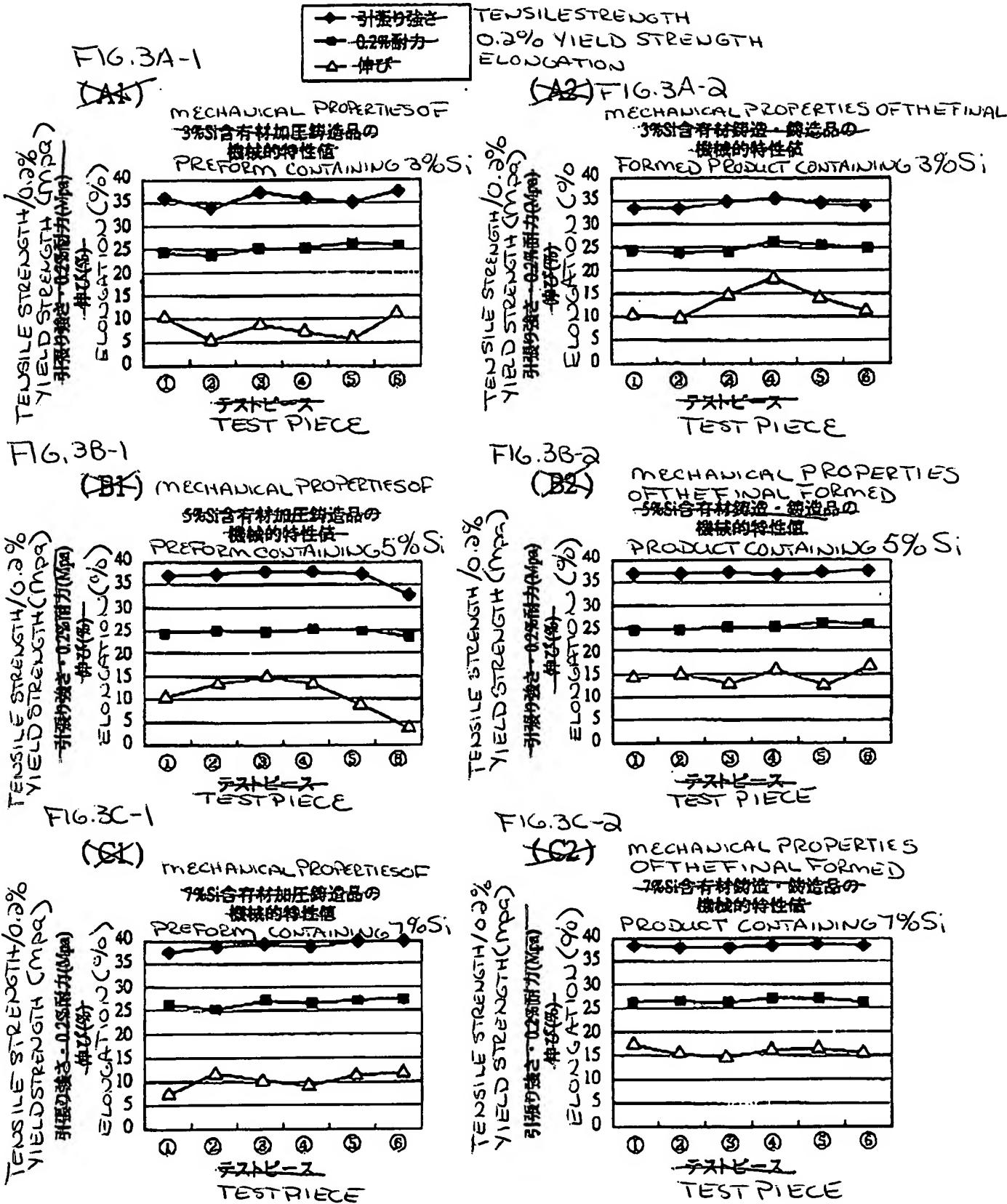


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2/6

FIG.2



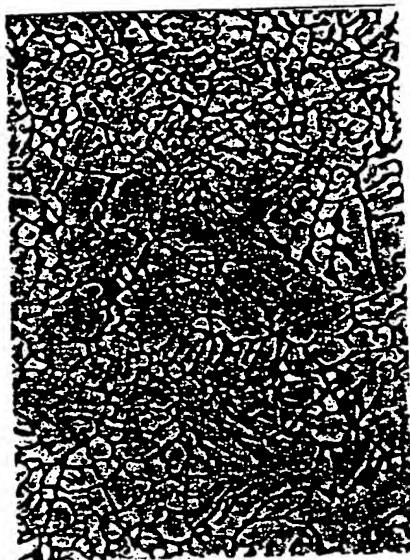
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3/6

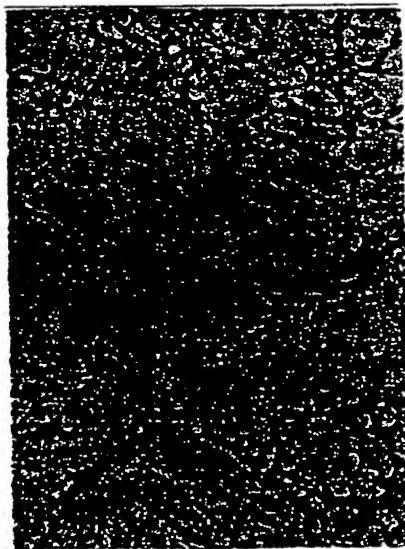
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FIG.4A



① preform containing 3 % Si

FIG.4B



② preform containing 5 % Si

FIG.4C



③ preform containing 7 % Si

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FIG.5A



FIG.5B

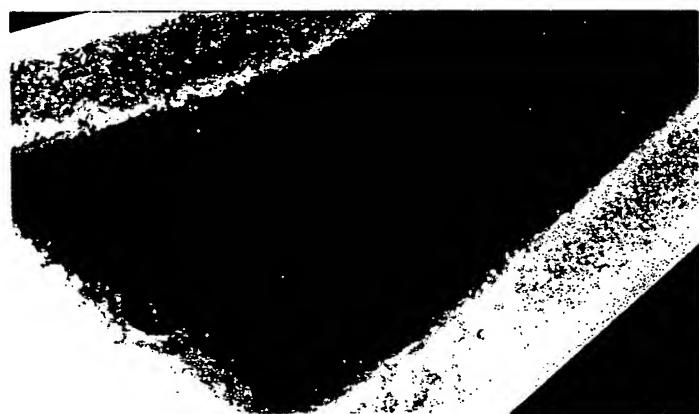


FIG.5C



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~~5/6~~
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FIG.6



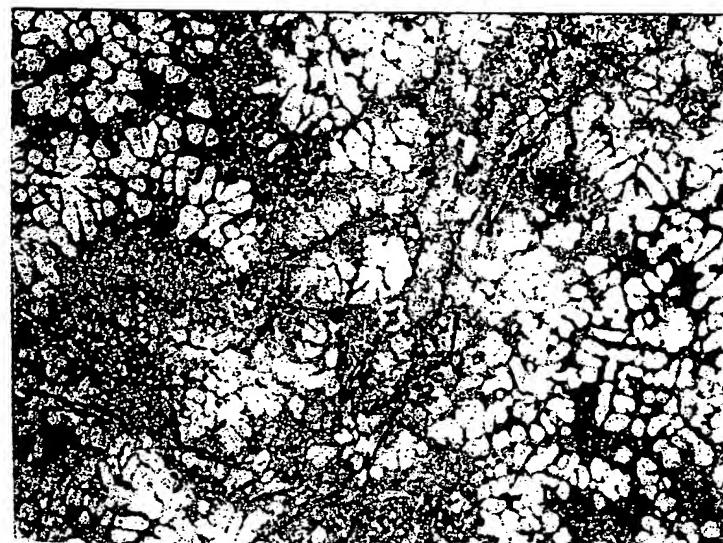
FIG.7



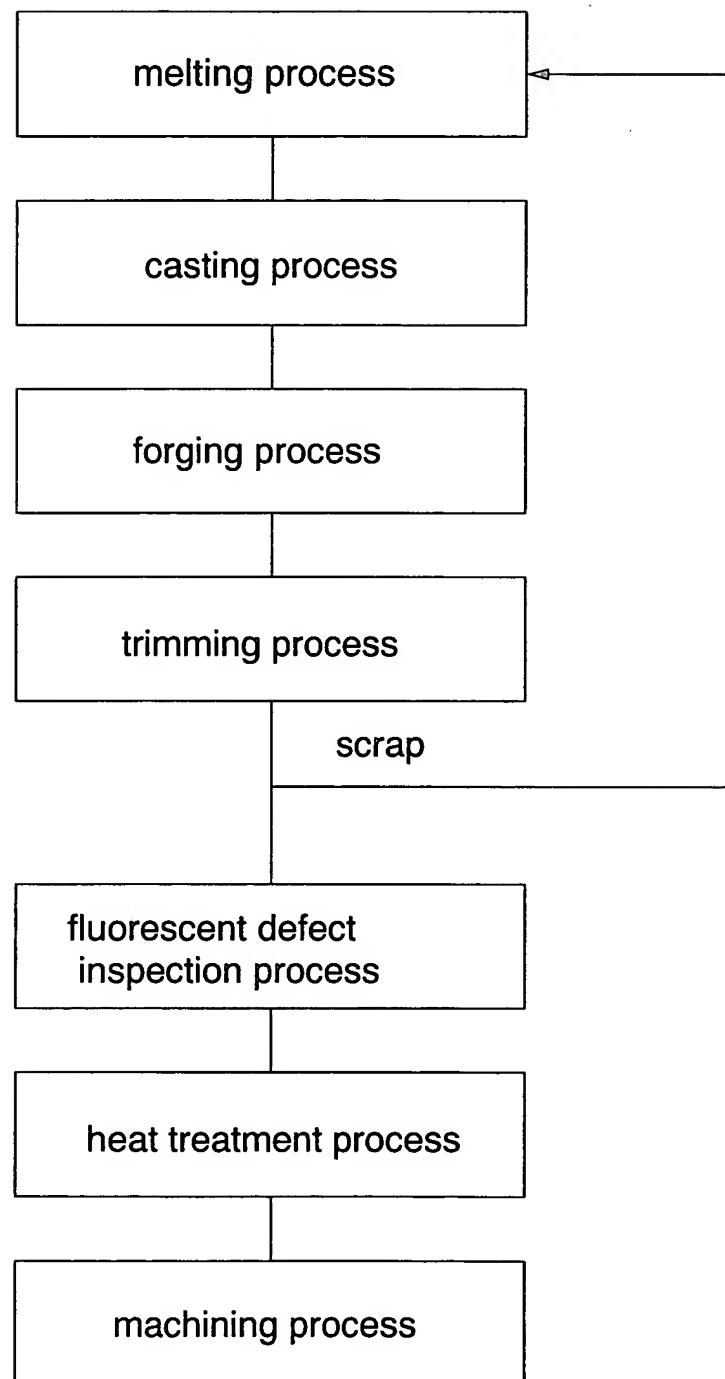
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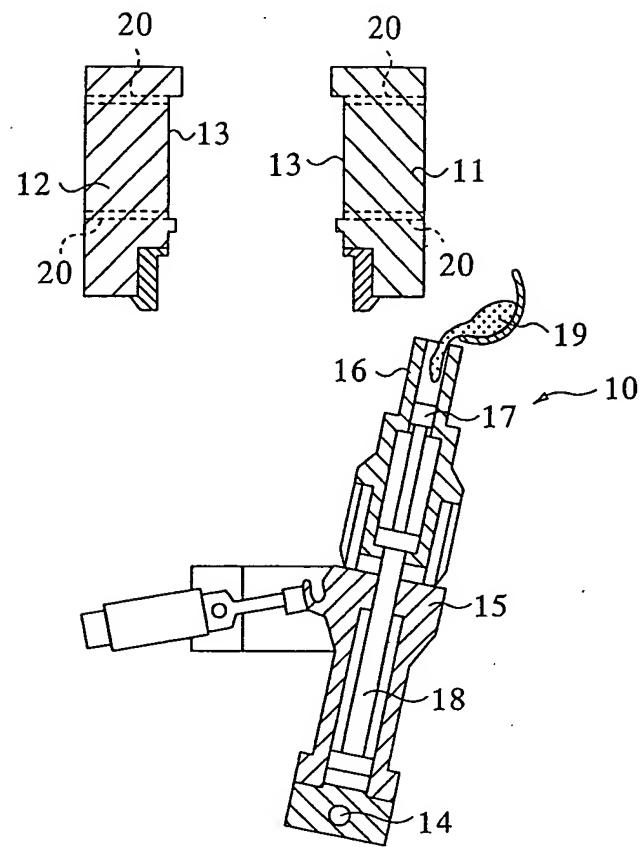
FIG.8



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FIG.1



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FIG. 2



◊ tensile strength
 □ 0.2 % yield strength
 △ elongation

FIG.3A-1

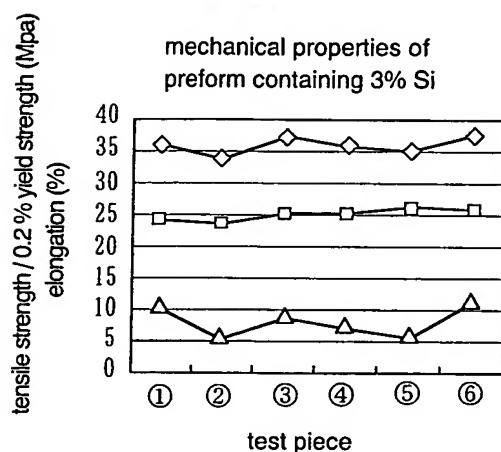


FIG.3A-2

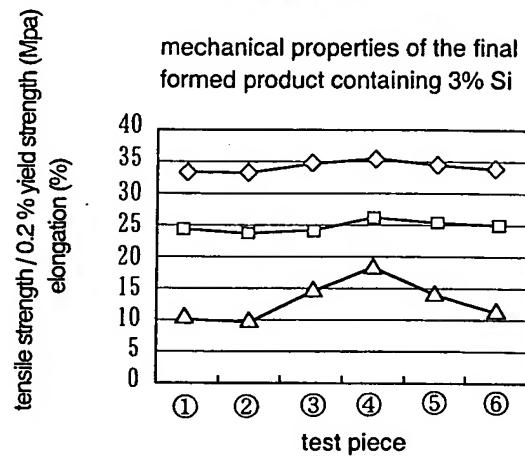


FIG.3B-1

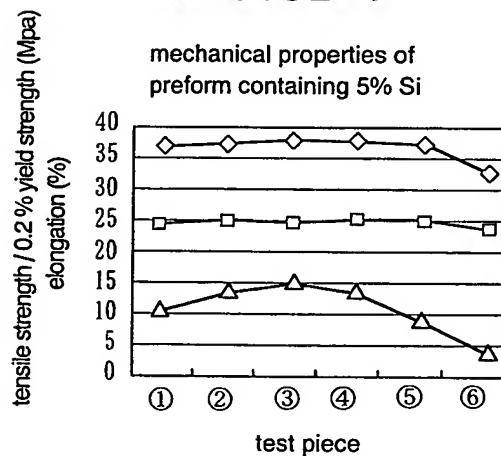


FIG.3B-2

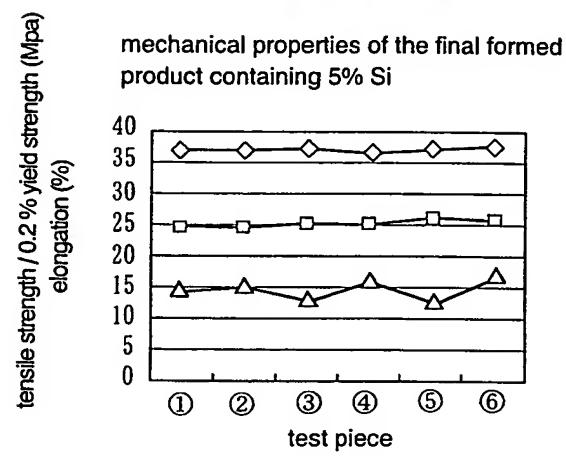


FIG.3C-1

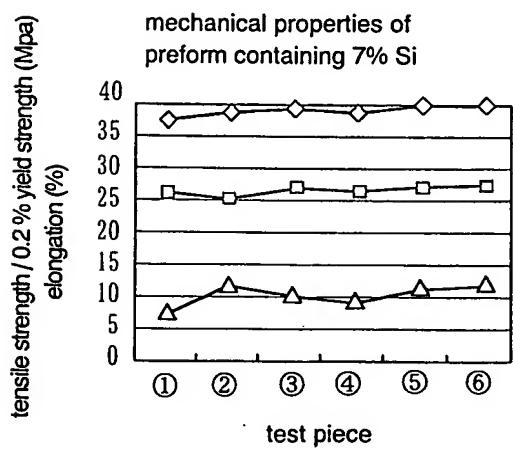
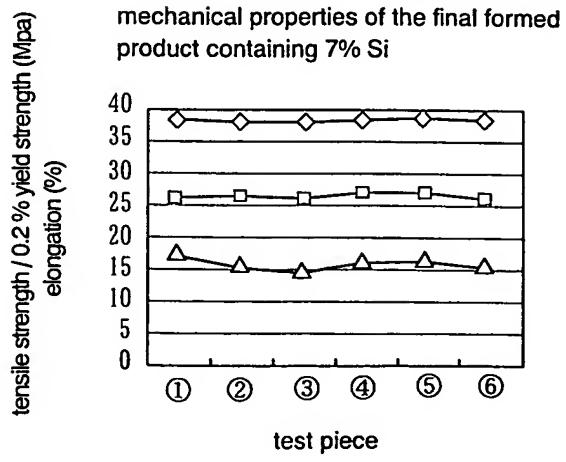
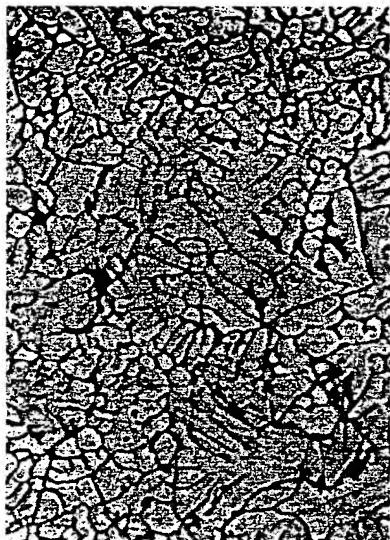


FIG.3C-2



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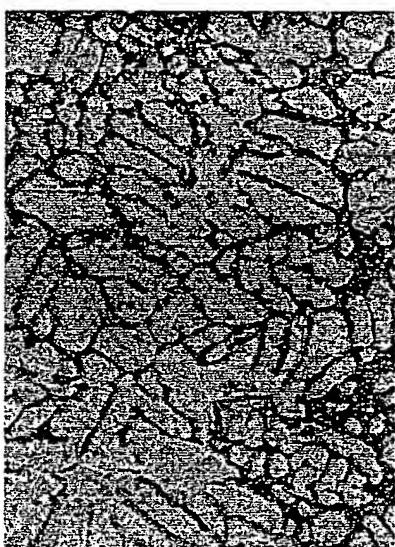
FIG.4A



① preform containing 3 % Si

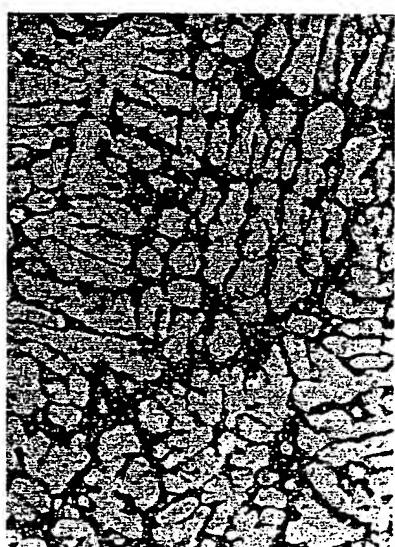
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FIG.4B



② preform containing 5 % Si

FIG.4C



③ preform containing 7 % Si

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FIG.5A

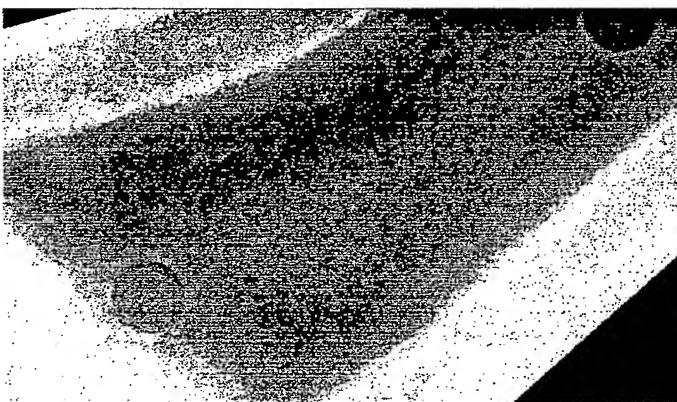


FIG.5B



FIG.5C

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FIG.6

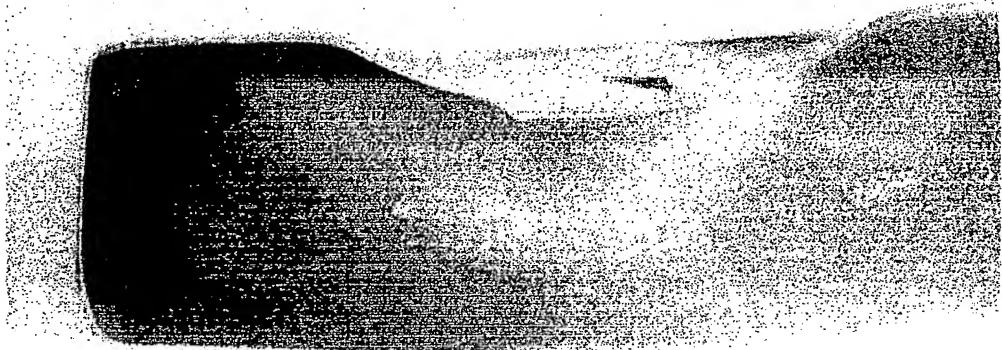
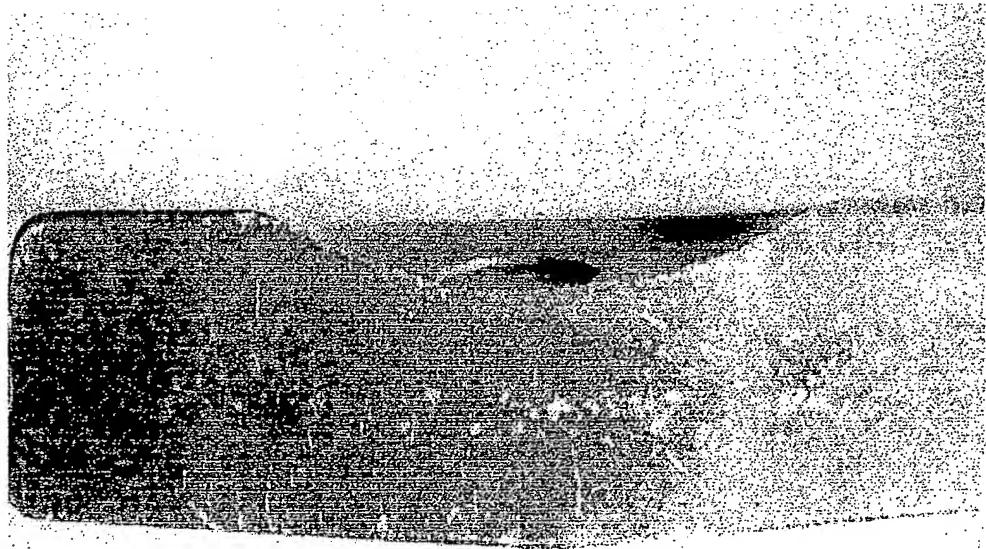


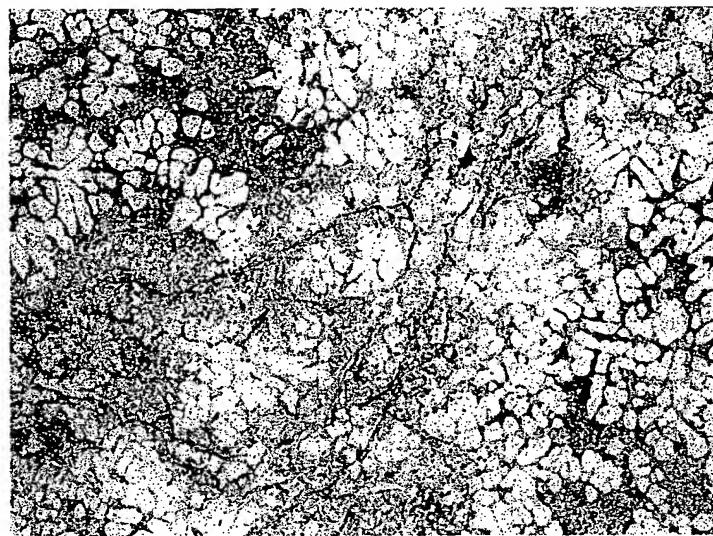
FIG.7



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FIG.8



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